



IN THE CLAIMS:

1. (Currently Amended) A method of generating a language model (7) for a speech recognition system (1), **characterized** in that wherein a first text corpus (10) is gradually reduced by one or various text corpus parts in dependence on text data of an application-specific second text corpus (11) until a predefined criterion is met and in that the values of the language model are generated on the basis of the reduced first text corpus (12) is used.

2. (Currently Amended) A method as claimed in claim 1, **characterized** in that wherein for determining the text corpus parts by which the first text corpus (10) is reduced, unigram frequencies in the first text corpus (10), in the reduced first text corpus (12) and in the second text corpus (11) are evaluated.

3. (Currently Amended) A method as claimed in claim 2, **characterized** in that wherein for determining the text corpus parts, by which the first text corpus (10) in a first iteration step and accordingly in further iteration steps is reduced, the following selection criterion is used:

$$\Delta F_{i, M} = \sum_{x_M} N_{\text{spez}}(x_M) \log \frac{p(x_M)}{p_{A_i}(x_M)}$$

with $N_{\text{spez}}(x_M)$ as the frequency of the M-gram x_M in the second text corpus, $p(x_M)$ as the

M-gram probability derived from the frequency of the M-gram x_M in the first training corpus and $p_{A_i}(x_M)$ as the M-gram probability derived from the frequency of the M-gram x_M in the first training corpus reduced by the text corpus part A_i .

4. (Currently Amended) A method as claimed in claim 3, **characterized**

~~in that~~ wherein trigrams are used as a basis with $M = 3$ or bigrams with $M = 2$ or unigrams with $M = 1$.

5. (Currently Amended) A method as claimed in one of the claims 1 to 4, ~~characterized in that~~ wherein a test text (15) is evaluated to determine the end of the reduction of the first training corpus (10).

6. (Currently Amended) A method as claimed in claim 5, ~~characterized~~ ~~in that~~ wherein the reduction of the first training corpus (10) is terminated when a certain perplexity value is reached or a certain Out of Vocabulary (OOV) rate of the test text, ~~especially when a minimum~~ is reached.

7. (Currently Amended) A method of generating a language model (7) for a speech recognition system (1), ~~characterized in that~~ wherein a text corpus part of a given first text corpus is gradually extended by one or various other text corpus parts of the first text corpus in dependence on text data of an application-specific text corpus to form a second text corpus until a predefined criterion is met and in that the values of the language model (7) are generated while the second text corpus is used.

8. (Currently Amended) A method of generating an acoustic model (10) for a speech recognition system (1), ~~characterized in that~~ wherein acoustic training material representing a first number of speech utterances is gradually reduced until a predefined criterion is met by training material parts representing individual speech utterances in dependence on a second number of application-specific speech utterances and

in that the acoustic references (8) of the acoustic model (6) are formed by means of the reduced acoustic training material.

9. (Currently Amended) A method of generating an acoustic model (6) for a speech recognition system (1), ~~characterized in that~~ wherein a part of given acoustic

training material, which material represents a multitude of speech utterances, is gradually extended by one or more other parts of the given acoustic training material and in that the acoustic references (8) of the acoustic model (6) are formed by means of the accumulated parts of the given acoustic training material.

A7 10. (Currently Amended) A speech recognition system comprising a language model generated in accordance with ~~one of the claims 1 to 7 claim 1 and/or an acoustic model generated in accordance with claim 8 or 9.~~

11. (New) A speech recognition system comprising an acoustic model generated in accordance with claim 8.
